

## Storm Data and Unusual Weather Phenomena - August 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>ILLINOIS, Central</b>				
<b>CLAY COUNTY</b>				
4.0 NE XENIA	08/03/07 15:00 CST		5K	Thunderstorm Wind (EG 55 kt)
	08/03/07 15:05 CST		2.50K	38.6709N, 88.5776W
A microburst produced roof damage to a shed and blew in its doors. Also a tree was blown down and an area of corn was flattened.				
<b>An isolated microburst produced damage in Clay county.</b>				
<b>FULTON COUNTY</b>				
LONDON MILLS	08/07/07 22:20 CST		1K	Thunderstorm Wind (EG 50 kt)
	08/07/07 22:20 CST		0	40.72N, 90.27W
A large tree was uprooted.				
<b>FULTON COUNTY</b>				
CANTON	08/07/07 22:45 CST		1K	Thunderstorm Wind (EG 56 kt)
	08/07/07 22:45 CST		0	40.57N, 90.03W
Numerous tree limbs and one power line were blown down.				
<b>FULTON COUNTY</b>				
ST DAVID	08/07/07 22:45 CST		18K	Thunderstorm Wind (EG 50 kt)
	08/07/07 22:45 CST		0	40.48N, 90.05W
A large tree was blown down onto 3 automobiles.				
<b>TAZEWELL COUNTY</b>				
11.0 W SOUTH PEKIN	08/07/07 23:25 CST		0	Thunderstorm Wind (MG 53 kt)
	08/07/07 23:25 CST		0	40.5N, 89.8591W
<b>The leading edge of a thunderstorm complex produced a strong outflow boundary with isolated reports of wind damage.</b>				
<b>KNOX COUNTY</b>				
5.0 N GALESBURG	08/08/07 20:40 CST		0	Hail (0.75 in)
	08/08/07 20:40 CST		0	41.0223N, 90.37W
Estimated penny size hail at Pinkys Cozy Inn on Route 150.				
<b>A decaying line of thunderstorms produced severe hail near Galesburg.</b>				
<b>SCOTT COUNTY</b>				
4.0 SW WINCHESTER	08/16/07 09:14 CST		0	Thunderstorm Wind (EG 50 kt)
	08/16/07 09:14 CST		0	39.5891N, 90.5231W
A cornfield was flattened and several tree limbs were blown down.				
<b>MORGAN COUNTY</b>				
ROHRER	08/16/07 09:56 CST		0	Thunderstorm Wind (EG 50 kt)
	08/16/07 09:56 CST		0	39.65N, 89.95W
Several 2 inch diameter tree limbs were blown down.				
<b>SHELBY COUNTY</b>				
SHELBYVILLE	08/16/07 11:20 CST		0	Thunderstorm Wind (EG 52 kt)
	08/16/07 11:20 CST		0	39.42N, 88.8W
Several power lines were blown down.				
<b>SHELBY COUNTY</b>				
WINDSOR	08/16/07 11:35 CST		0	Thunderstorm Wind (EG 50 kt)
	08/16/07 11:35 CST		0	39.43N, 88.6W

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Several large tree limbs were blown down and corn was blown over.				
<b>COLES COUNTY</b>				
MATTOON	08/16/07 12:05 CST		20K	Thunderstorm Wind (EG 61 kt)
	08/16/07 12:05 CST		0	39.48N, 88.37W
Numerous trees, large tree limbs, and power lines were blown down across Mattoon.				
<b>LAWRENCE COUNTY</b>				
LAWRENCEVILLE ARPT	08/16/07 13:07 CST		0	Thunderstorm Wind (MG 59 kt)
	08/16/07 13:07 CST		0	38.77N, 87.6W
<b>Thunderstorms fired along a cold front during the late morning and early afternoon hours of the 16th. These storms produced several reports of high winds and wind damage.</b>				
<b>MCLEAN COUNTY</b>				
3.8 NNW HUDSON	08/19/07 16:11 CST		0	Hail (0.75 in)
	08/19/07 16:11 CST		0	40.65N, 89.01W
<b>MCLEAN COUNTY</b>				
2.0 W HUDSON	08/19/07 16:18 CST		0	Hail (0.75 in)
	08/19/07 16:18 CST		0	40.6N, 89.0181W
<b>VERMILION COUNTY</b>				
ROSSVILLE	08/19/07 16:30 CST		0	Hail (0.88 in)
	08/19/07 16:30 CST		0	40.38N, 87.67W
<b>MCLEAN COUNTY</b>				
1.0 S MC LEAN	08/19/07 16:43 CST		0	Hail (1.00 in)
	08/19/07 16:43 CST		0	40.3055N, 89.17W
<b>Scattered thunderstorms developed with daytime heating. A few of these thunderstorms produced severe hail.</b>				
<b>TAZEWELL COUNTY</b>				
PEKIN	08/22/07 19:05 CST		15K	Thunderstorm Wind (EG 61 kt)
	08/22/07 19:10 CST		0	40.57N, 89.63W ~ 40.5796N, 89.5031W
2.0 SE GROVELAND				
Numerous trees were blown down, especially in the city of Pekin.				
<b>An isolated thunderstorm produced an area of wind damage during the evening hours on the 22nd.</b>				
<b>KNOX COUNTY</b>				
(GBG)GALESBURG ARPT	08/23/07 12:05 CST	1	0.80M	Thunderstorm Wind (EG 61 kt)
	08/23/07 12:42 CST	7	0.60M	40.93N, 90.43W ~ 41.03N, 89.985W
6.0 E VICTORIA				
A swath of wind damage cut through Knox county. The winds produced considerable tree, power line, and crop damage. Numerous structures were also damaged along the path, primarily due to falling trees and tree limbs. A man was killed in the Victoria area by a falling tree. Seven injuries were reported in the Galesburg area due to the storm, at least one due to a falling tree.				
Direct Fatalities: M86UT				
<b>KNOX COUNTY</b>				
GALESBURG	08/23/07 12:15 CST		0	Thunderstorm Wind (EG 87 kt)
	08/23/07 12:15 CST		0	40.95N, 90.37W
An area of enhanced wind damage occurred in Galesburg within a larger swath of damaging winds. The damage was primarily to trees, fences, power lines and poles, and garages. Some structures received damage as well, primarily due to falling trees and other debris.				
<b>STARK COUNTY</b>				
3.0 W WEST JERSEY	08/23/07 12:42 CST		35K	Thunderstorm Wind (EG 61 kt)
	08/23/07 13:00 CST		0	41.02N, 89.9875W ~ 41.07N, 89.6549W
6.0 E WYOMING				
A swath of thunderstorm wind damage cut across Stark county. The winds blew down numerous trees, power lines, and corn fields. A church in Toulon also had some windows blown out.				

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<b>PEORIA COUNTY</b>				
0.5 W PRINCEVILLE	08/23/07 12:50 CST		0	Thunderstorm Wind (EG 50 kt)
	08/23/07 12:50 CST		0	40.93N, 89.7596W

Numerous 3 inch diameter tree limbs were blown down.

<b>MARSHALL COUNTY</b>				
CAMP GROVE	08/23/07 13:00 CST		25K	Thunderstorm Wind (EG 61 kt)
WENONA	08/23/07 13:20 CST		0	41.08N, 89.65W ~ 41.05N, 89.05W

A swath of damaging thunderstorm winds cut through Marshall county. The winds blew down many trees and power lines across the county.

<b>WOODFORD COUNTY</b>				
5.0 NE SPRING BAY	08/23/07 13:36 CST		0	Thunderstorm Wind (EG 55 kt)
	08/23/07 13:36 CST		0	40.8711N, 89.4524W

A tree was blown down near Spring Bay.

**A large severe thunderstorm bow echo moved across portions of Knox, Stark, Marshall, and Peoria counties during the afternoon hours of the 23rd causing significant damage.**

**Widespread damage occurred across the city of Galesburg by wind gusts in the 70 to 80 mph range. These wind speeds continued for several miles past Galesburg, to the Wataga and Victoria areas. Within the city of Galesburg, enhanced damage was caused by a fast-moving microburst, which produced estimated wind speeds of around 100 mph.**

Within the city of Galesburg, the area of damage was about 8 miles wide. A wind gust of 74 mph was reported at the Galesburg Municipal Airport at 1:09 pm, before the automated weather station failed. Damage began in the city of Galesburg around 1:10 pm, and continued within the city limits for approximately 5 minutes. There were more than 500 trees either damaged or destroyed. Falling trees or large tree limbs resulted in significant damage to dozens of buildings and vehicles. Numerous buildings sustained damage to roofing and chimneys, as well as minor damage to siding and broken windows. About 20 power poles were snapped, and numerous power lines were brought down. At least two semi-trailers were blown over on U.S. Highway 34 west of Galesburg, and on I-74 just east of Galesburg.

An area of enhanced wind damage was found within the city as well. This area was about 1/2 mile wide, and 2 miles long. It began close to the intersection of Knox and Pine Streets, and continued to the northeast, crossing the intersections of Grand Avenue and Oak Street, Farnham and East Main Street, and extending to Illini Drive and the Soangetaha Country Club east of I-74. Significant damage to trees, fences, garages and a business occurred around 1:15 pm. Several homes sustained roof and siding damage, primarily from debris and falling tree limbs.

The storm injured 7 people in Galesburg, with cuts and broken bones

The city of Knoxville, about 4 miles southeast of Galesburg, also sustained widespread wind damage, shortly after 1:15 pm. Wind speeds were estimated to be 60-80 mph. Extensive damage was done to trees and power lines. Roofs and autos were damaged, mainly from falling trees and limbs.

Wataga, 4 miles northeast of Galesburg, was affected by the high winds around 1:20 pm. Winds estimated at 60-80 mph also produced damage to trees, and downed power lines.

The town of Victoria, 15 miles east-northeast of Galesburg, also sustained 60-80 mph wind gusts. The damaging wind struck around 1:25 pm, downing trees and power lines. A man was killed in rural Victoria after a falling tree struck him.

Numerous farm fields sustained damage in northern Knox County, due to the high winds. Corn stalks and soybean plants were flattened as a result.

Additional tree, crop and power line damage occurred across Stark, Marshall and northern Peoria counties.

<b>STARK COUNTY</b>				
BRADFORD	08/23/07 17:35 CST		0	Hail (0.75 in)
	08/23/07 17:35 CST		0	41.18N, 89.67W

<b>STARK COUNTY</b>				
BRADFORD	08/23/07 17:45 CST		0	Thunderstorm Wind (EG 50 kt)
	08/23/07 17:45 CST		0	41.18N, 89.67W

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Large tree branches were blown down.				
<b>MARSHALL COUNTY</b>				
HENRY	08/23/07 18:14 CST		0	Thunderstorm Wind (EG 50 kt)
	08/23/07 18:15 CST		0	41.12N, 89.37W
Tree limbs were blown down.				
<b>MARSHALL COUNTY</b>				
HENRY	08/23/07 18:15 CST		0	Hail (1.00 in)
	08/23/07 18:15 CST		0	41.12N, 89.37W
<b>STARK COUNTY</b>				
2.0 SW TOULON	08/23/07 18:30 CST		15K	Thunderstorm Wind (EG 53 kt)
	08/23/07 18:30 CST		0	41.0796N, 89.8971W
Several trees and numerous corn stalks were blown down.				
<b>MARSHALL COUNTY</b>				
CAMP GROVE	08/23/07 18:40 CST		0	Thunderstorm Wind (EG 50 kt)
	08/23/07 18:40 CST		0	41.08N, 89.65W
Tree limbs were blown down.				
<b>MARSHALL COUNTY</b>				
HENRY	08/23/07 19:20 CST		0	Hail (1.00 in)
	08/23/07 19:20 CST		0	41.12N, 89.37W
<b>Additional thunderstorms moved across Stark and Marshall counties during the evening hours. The damage associated with these storms was not as widespread as those earlier in the day.</b>				
<b>CHAMPAIGN COUNTY</b>				
0.5 N URBANA	08/24/07 14:51 CST		0	Thunderstorm Wind (EG 50 kt)
	08/24/07 14:51 CST		0	40.1072N, 88.2W
A few shingles torn from roofs and tree branches were blown down.				
<b>EFFINGHAM COUNTY</b>				
EDGEWOOD	08/24/07 15:40 CST		0	Thunderstorm Wind (EG 50 kt)
	08/24/07 15:40 CST		0	38.92N, 88.65W
Tree limbs were blown down.				
<b>CLAY COUNTY</b>				
1.0 W HORD	08/24/07 15:50 CST		0.17M	Thunderstorm Wind (EG 61 kt)
0.5 ENE HORD	08/24/07 15:55 CST		0	38.88N, 88.5386W ~ 38.8828N, 88.5114W
A swath of damaging winds went through the town of Hord. 26 homes received minor damage. 20 outbuildings were damaged and 6 were destroyed. 2 businesses had minor damage. 10 utility poles were destroyed. Numerous trees and tree limbs were blown down and several corn fields were flattened.				
<b>CLAY COUNTY</b>				
FLORA	08/24/07 15:50 CST		8K	Thunderstorm Wind (EG 52 kt)
	08/24/07 15:55 CST		0	38.67N, 88.48W
A few trees, tree limbs, and power lines were blown down. Some roofing material was torn off a building downtown.				
<b>CLAY COUNTY</b>				
BIBLE GROVE	08/24/07 15:57 CST		15K	Thunderstorm Wind (EG 52 kt)
	08/24/07 15:57 CST		0	38.87N, 88.45W
Trees, power poles and power lines were blown down.				
<b>EFFINGHAM COUNTY</b>				

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DIETERICH	08/24/07 16:05 CST		0	Thunderstorm Wind (EG 52 kt)
	08/24/07 16:05 CST		0	39.07N, 88.37W

A power pole was snapped.

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### JASPER COUNTY

WHEELER	08/24/07 16:10 CST		26K	Thunderstorm Wind (EG 61 kt)
NEWTON	08/24/07 16:22 CST	1	0	39.05N, 88.32W ~ 38.98N, 88.17W

Numerous trees, tree limbs, and power lines were blown down. A man was injured by a falling tree limb in Wheeler. Shingles and tin were blown off a roof in Newton. A semi trailer was blown over between Wheeler and Newton.

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### CUMBERLAND COUNTY

NEOGA	08/24/07 16:15 CST		25K	Thunderstorm Wind (EG 61 kt)
GREENUP	08/24/07 16:30 CST		0	39.32N, 88.45W ~ 39.25N, 88.17W

Numerous trees, tree limbs and power lines were blown down between Neoga, Toledo, and Greenup.

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### CRAWFORD COUNTY

2.0 N ANNAPOLIS	08/24/07 16:40 CST		0	Thunderstorm Wind (EG 52 kt)
	08/24/07 16:40 CST		0	39.1789N, 87.82W

A tree was blown down.

**Strong to severe thunderstorms developed along and ahead of an outflow boundary.**